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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WASTE DISCHARGE PERMIT No. WA0037953

State of Washington
DEPARTMENT OF ECOLOGY
Olympia, Washington 98504-8711

In compliance with the provisions of
The State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington
and
The Federal Water Pollution Control Act
(The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.

Cascade Pole and Lumber Company
Post Office Box 1469
Tacoma, Washington 98401

<u>Facility Location:</u>	<u>Receiving Water:</u>
1640 Marc Street Tacoma, Washington 98421	Outfall 001: Blair Waterway via Lincoln Avenue Ditch Outfall 002: Puyallup River
<u>Water Body I.D. No.:</u>	<u>Discharge Location</u>
Outfall 001: WA-10-0020 Outfall 002: WA-05-1003	Outfall 001: Latitude: 47° 15' 18" N Longitude: 122° 24' 30" W
<u>Industry Type:</u>	Outfall 002: Latitude: 47° 15' 20" N Longitude: 122° 24' 51" W
Wood Preserving	

is authorized to discharge in accordance with the special and general conditions which follow.

Kelly Susewind
Water Quality Section Manager
Southwest Regional Office
Washington State Department of Ecology

S10A.	Chronic Toxicity Tests Characterization Summary Report for Outfall 002	1/permit cycle	90 days following the last characterization sampling event
S910D.	Toxicity Identification/Reduction Evaluation Plan for Outfall 002	As Necessary	Within 60 days of establishing non-compliance with acute toxicity limitation
S11.	Outfall Evaluation	Annually	Within 30 days of completion of the inspection
S12.A1	Letter notifying Ecology that a copy of SWPPP has been submitted to the local municipal operator	1/permit cycle	Within 180 days of the permit effective date
S12.A2 S16.A1	SWPPP Modifications	As necessary	At least 30 days prior to implementation of proposed changes
S12.B2	Notification of Unpermitted non-stormwater to <i>Stormwater Drainage System</i>	As necessary	Immediate notification and a written report within 30 days of becoming aware of the unpermitted discharge
S13.A	Letter of intent to conduct Chromium Assessment Study	1/permit cycle	within 6 months of permit effective date
S13.D	Data on Chromium Assessment Study	1/permit cycle	At least 180 days before permit renewal, as per condition S13
S14.	Sediment Sampling and Analysis Plan	1/permit cycle	within 3 years of permit effective date
S15.	Notice of Intent to Conduct Effluent Mixing Study	1/permit cycle	within 60 days of permit effective date
S15.	Effluent Mixing Study Plan	1/permit cycle	within 90 days of permit effective date
S15.	Draft Effluent Mixing Study Report	1/permit cycle	within 16 months of the permit effective date
S15.	Final Effluent Mixing Study Report	1/permit cycle	within 18 months of the permit effective date
S17.	Notice of Intent to Prepare P2 Engineering Report or Implement Additional BMPs	1/permit cycle	within 30 days of permit effective date
S17.A1.	SWPPP Update	1/permit cycle	within 3 months of the permit effective date

S17.A2	Phase I Pollution Prevention Engineering Report	1/permit cycle	within 6 months of the permit effective date
S17.A3	Phase II Pollution Prevention Engineering Report	1/permit cycle	within one year of the permit effective date
S17.C3	Phase I Pollution Prevention Engineering Report Draft Study Plan	1/permit cycle	Within 60 days of the permit effective date
S17.C3	Phase I Pollution Prevention Engineering Report Final Study Plan	1/permit cycle	within 15 days of receipt of the Department comments on Draft
S17.D	Phase II Pollution Prevention Engineering Report Draft Study Plan	1/permit cycle	within 90 days of the permit effective date
S17.D	Phase II Pollution Prevention Engineering Report Final Study Plan	1/permit cycle	within fifteen days of receipt of Department comments on Draft
S18	Compliance Progress Reports	1/year	By January 15 of each calendar year until the permittee attains compliance with the final effluent limits contained in Special Condition No. 1.
G1.	Notice of Change in Authorization	As necessary	
G4.	Permit Application for Substantive Changes to the Discharge	As necessary	at least 60 days prior to any proposed changes
G5.	Engineering Report for Construction or Modification Activities	As necessary	at least 180 days prior to planned start of construction unless approved otherwise.
G7.	Application for permit renewal	1/permit cycle	at least 180 days before permit expiration date
G8.	Notice of Permit Transfer	As necessary	
G21.	Notice of Planned Changes	As necessary	
G22.	Report Anticipating Noncompliance	As necessary	

- The permittee will completely top and side wrap all treated dimensional lumber bundles with no lumber leaving covered drying or storage areas until it has been so wrapped; or completely cover or otherwise completely isolate from contact from rainfall and stormwater runoff all bundled dimensional lumber.
- The permittee will completely cover or otherwise completely isolate from contact from rainfall and stormwater runoff all other treated wood products and newly stored treated wood products
- The permittee will install, inspect on a regular basis and maintain in working condition catch basin inserts in all catch basins to minimize the discharge of floating and settleable pollutants.
- The permittee will maintain outdoor areas such that they are free of treated wood debris that is exposed to rainfall and stormwater runoff.
- The permittee will adopt protocols to prevent tracking of process wastewater contaminants from process areas into storage areas. Protocols will include use of boot covers for all employees working in process areas, or a similar measure or measures, and dedicated vehicles in process areas. When vehicles other than dedicated vehicles must access process areas, the permittee will decontaminate these vehicles prior to exit to minimize tracking of pollutants out of the process area.
- The permittee will divert to recycle all stormwater from drainage basins that contain fixed process equipment.

S17. POLLUTION PREVENTION ENGINEERING REPORT FOR TOXICS

The Permittee shall develop a Pollution Prevention Engineering Report (P2 Engineering Report-Phase I and Phase II) for sources of toxic water pollutants. The report shall be prepared following the requirements of WAC 173-240. The objectives of the P2 Engineering Report are to identify pollution prevention opportunities and implement those opportunities that are technically and economically achievable to minimize discharges of pollutants in stormwater discharged to receiving waters.

As an alternative to developing the P2 Engineering Report and implementing controls that the Report or the Department determines are feasible (items A-G, below), the discharger may implement an alternative set of operational best management practices (Special Condition 16C).

Within 30 days of the effective date of this permit, the permittee will notify the Department of its intent to either a) prepare the Pollution Prevention Engineering Report described under this condition or b) implement best management practices (Special Condition 16C).

A. Plan Development and Implementation

1. Within three months of the effective date of the final permit, the Permittee shall:
 - modify its Stormwater Pollution Prevention Plan (SWPPP) to reflect current conditions and to meet the requirements of C.1 and C.2 below; and submit the revised SWPPP to the Department for review and approval.
2. Within six months of the effective date of the final permit, the Permittee shall:

- develop a Phase I Pollution Prevention Engineering Report to meet the requirements of C.3 below and submit it to the Department for review and approval
- 3. Within one year of the effective date of the final permit, the Permittee shall:
 - develop a Phase II P2 Engineering Report to meet the requirements of paragraph D. below and submit it to the Department for review and approval.
- 4. The Permittee shall implement selected pollution prevention opportunities according to the timeframes specified in the approved Phase I and Phase II P2 Engineering Reports.

B. General Requirement

The P2 Engineering Report shall be retained onsite.

C. Specific Requirements – Phase I P2 Engineering Report and SWPPP

1. Description of Current P2 Activities.

The SWPPP shall include a description of the existing P2 measures employed at the facility to prevent, reduce, eliminate, control or treat releases of pollutants to influent wastewater streams, stormwater, and/or waters of the state as required under permit condition S12.

2. Description of Potential Pollutants and Sources.

The SWPPP shall include a detailed description of the processes or activities that contribute or potentially contribute pollutants to influent wastewater streams, stormwater, groundwater, and wetlands. Minor incidental waste streams to stormwater, such as landscaping fertilizers, do not have to be included.

The SWPPP shall identify the materials and amounts processed, stored, treated, or disposed of at the facility and the pollutants that are generated or potentially generated or released. The level of detail provided in the plan should be sufficient to help identify and understand how and why materials are used and pollutants generated or released. Process flow diagrams and/or material input/output information shall be included on a process unit basis. The Permittee shall include in the SWPPP all materials which may become pollutants or cause pollution upon reaching state waters, including materials which, when spilled or otherwise released into the environment, would be designated Dangerous Waste by the procedures set forth in WAC 173-303-070.

3. Identification, Preliminary Evaluation, Prioritization and Early Implementation of Pollution Prevention Opportunities.

Within sixty (60) days of the effective date of this permit, Cascade Pole and Lumber Company submit a Draft Study Plan for the Phase I Report. The Department of Ecology will review the Phase I Draft Study Plan and submit comments to Cascade Pole and Lumber Company. Cascade Pole should revise and re-submit the study plan (Final Study Plan) within fifteen (15) days of receipt of the Department's comments. Revisions should be made and submitted to the Department such that the Department can approve Cascade Pole's Final Study Plan within ninety (90) days of the permit effective date.

The Phase I P2 Engineering Report shall identify pollution prevention opportunities and provide a preliminary evaluation of each opportunity's technical feasibility (including safety considerations), economic cost, and potential for reducing discharges of toxic pollutants. In